



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8  
999 18<sup>TH</sup> STREET - SUITE 300  
DENVER, CO 80202-2466  
Phone 800-227-8917  
<http://www.epa.gov/region08>

JAN 13 2006

Ref: 8P-W-GW

CONCURRENCE COPY

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Steve Wall, District Manager  
Petroglyph Energy, Inc.  
4116 West 3000 So. Ioka Lane  
Roosevelt, UT 84066

RE: Additional Well to Antelope Creek Area Permit  
UIC Area Permit No. UT20736-00000  
Well ID: UT20736-04540  
Ute Tribal 20-14, Duchesne County, Utah

Dear Mr. Wall:

The Petroglyph Operating Company, Inc. (Petroglyph) request to convert the former Green River Formation oil well, the Ute Tribal 20-14, to an enhanced recovery injection well in the Antelope Creek Waterflood project is hereby authorized by the Environmental Protection Agency (EPA) under the terms and conditions of the Authorization For Additional Well.

The addition of the proposed injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Antelope Creek Waterflood UIC Area Permit No. UT20736-00000. Unless specifically mentioned in the enclosed Authorization For Additional Well, the Ute Tribal 20-14 is subject to all terms and conditions of the UIC Area Permit UT20736-00000 as modified. *space?*

Please be aware that Petroglyph does not have authorization to begin injection operations into the well until all Prior to Commencing Injection requirements have been submitted and evaluated by the EPA, and Petroglyph has received written authorization from the Director to begin injection.

Prior to receiving authorization to inject, the EPA requires that Petroglyph submit for review and approval the following: (1) the results of a **Part I (Internal) mechanical integrity**

*8P-W-GW  
epw  
1/9/06*

*Gregg  
8P-W-GW  
4/10/06*



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test (MIT), (2) a pore pressure calculation of the injection interval, and (3) a completed EPA Form No. 7520-12 Well Rework Record.

The initial Maximum Allowable Injection Pressure (MAIP) for the Ute Tribal 20-14 was determined to be **1545 psig.** UIC Area Permit UT20736-00000 also provides the opportunity for the permittee to request a change in the MAIP based upon results of a step rate test that demonstrates that the formation breakdown pressure will not be exceeded.

If you have any questions, please call Mr. Dan Jackson at (303) 312-6155 or 1.800.227.8917 (Ext. 6155). Please submit the required data to ATTENTION: DAN JACKSON, at the letterhead address, citing MAIL CODE: 8P-W-GW very prominently.

Sincerely,

Stephen S. Tuber  
Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

encl: Authorization For Conversion of An Additional Well  
EPA Form No. 7520-12 (Well Rework Record)

cc: without enclosures

Maxine Natchees, Acting Chairperson  
Uintah & Ouray Business Committee  
Ute Indian Tribe  
P.O. Box 190  
Fort Duchesne, UT 84026

Chester Mills, Superintendent  
BIA - Uintah & Ouray Indian Agency  
P.O. Box 130  
Fort Duchesne, UT 84026

cc: with enclosures

Mr. Kenneth Smith  
Executive Vice President and Chief Operating Officer  
Petroglyph Energy, Inc.  
555 S. Cole Blvd  
Boise, ID 83709

S. Elaine Willie  
Environmental Coordinator  
Ute Indian Tribe  
P.O. Box 460  
Fort Duchesne, UT 84026

Gil Hunt  
Technical Services Manager  
Utah Division of Oil, Gas, and Mining  
1594 West North Temple - Suite 1220  
Salt Lake City, UT 84114-5801

BLM - Vernal District  
170 South 500 East  
Vernal, UT 84078

bcc w/o enclosures:

Barbara Conklin, 8TAP  
Nathan Wiser, 8 ENF-UFO

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

JAN 11 2006

Steve Wall, District Manager  
Petroglyph Energy, Inc.  
4116 West 3000 S. Ioka Lane  
Roosevelt, UT 84006

RWGWC

21-04  
or  
21-05

2. Article Number  
(Transfer from service label)

7001 0320 0006 0659 7996

PS Form 3811, August 2001

Domestic Return Receipt

2ACPRI-03-Z-0985

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

X *Dana Fellingm* ☐ Agent ☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 12? ☐ Yes  
If YES, enter delivery address below: ☐ No

RECEIVED  
JAN 16 2006

3. Service Type

☒ Certified Mail ☐ Express Mail  
☐ Registered ☐ Return Receipt for Merchandise  
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

**U.S. Postal Service  
CERTIFIED MAIL RECEIPT**

(Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

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Return Receipt Fee  
(Endorsement Required)

Restricted Delivery Fee  
(Endorsement Required)

Total Postage & Fees \$

JAN 31 2006

Postmark  
Here

JAN 13 2006

Sent To Steve Wall, District Manager  
Petroglyph Energy, Inc.

Street, Apt. No.;  
or PO Box No. 4116 West 3000 S. Ioka Lane  
City, State, ZIP+4  
Roosevelt, UT 84066

Form 3800, January 2001

See Reverse for Instructions

7001 0320 0006 0659 7996